

ABSTRACT OF THE DISCLOSURE

A circuit board assembly has a flat coil element mounted on a circuit board so that an electric power loss is not generated even when the

5 flat coil element is mounted to the circuit board together with a circuit part having a large heat sink. A module mounted on the circuit board has an electronic circuit device and a heat radiator attached to the electronic circuit device. The heat

10 radiator has an extending part protruding from the electronic circuit device and extending parallel to a surface of the circuit board. A coil mounting area provided with no pattern wire is formed in a part of the circuit board facing the extending part.

15 The flat coil element is mounted parallel to the circuit board in a state where a coil part of the flat coil element faces the coil mounting area.